

Shengshou EN8827

Shengshou Digital LED Projection Alarm Clock

Model: EN8827

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Shengshou Digital LED Projection Alarm Clock. Please read this manual thoroughly before using the product to ensure proper function and longevity.

PRODUCT FEATURES

- **Multi-functional Display:** Displays time, indoor temperature (°C/°F), and humidity (%).
- **Projection Function:** Projects time onto a wall or ceiling with 180° rotation and adjustable brightness.
- **Dual Alarms with Snooze:** Set two independent alarms with buzzer or FM radio sound. Snooze function allows for extended sleep.
- **FM Radio:** Built-in FM radio (86-108MHz) with automatic station search and storage, adjustable volume (0-15 levels), and sleep timer (5-90 minutes).
- **Large LED Display:** Clear, large digital display with 3 manual brightness levels and an automatic light sensor for adaptive dimming.
- **USB Charging Port:** Features a 5V/1.2A USB output port on the back for charging smartphones and other devices.
- **Mirror Surface Design:** The front display acts as a mirror when not actively displaying time.
- **Backup Battery:** Internal button battery preserves time and alarm settings during power outages (does not power the display or projection).



ラジオ機能、ケー
ブルで良好な信号



スヌーズ機能、アラ
ームを二つセットでき



投影機能付き、
180度回転でき



USB充電ポート付
き、携帯の充電ができ



画面の明るさ
を調節でき



LEDディスプレイ、文字
が大きくてはっきり見え



USB給電式

Figure 1: Overview of product features.

PACKAGE CONTENTS

- Shengshou Digital LED Projection Alarm Clock (Model EN8827)
- USB Power Cable
- Power Adapter
- User Manual (Japanese)



Figure 2: Package contents and product dimensions.

PRODUCT OVERVIEW

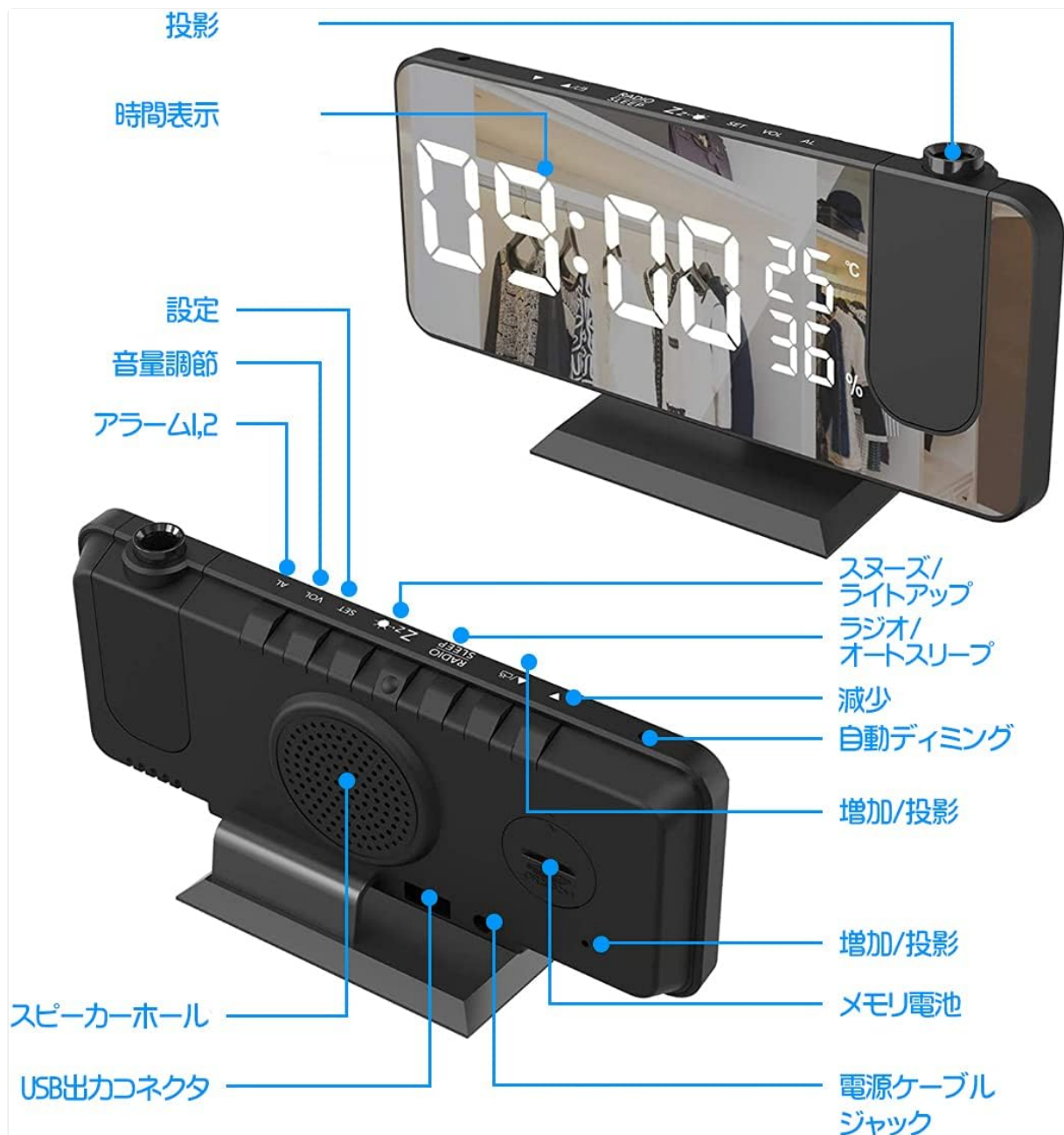


Figure 3: Rear panel controls and ports.

1. **Projection Lens:** Projects time.
2. **Time Display:** Main LED screen.
3. **SET Button:** Enters setting mode for time, alarm, etc.
4. **VOL Button:** Adjusts volume.
5. **ALARM 1/2 Buttons:** Set and activate alarms.
6. **SNOOZE/LIGHT UP Button:** Activates snooze, adjusts display brightness.
7. **RADIO/AUTO SLEEP Button:** Controls FM radio and sleep timer.
8. **▼ (Decrease) Button:** Decreases values during setting.
9. **AUTO DIMMING Switch:** Toggles automatic display dimming.
10. **▲ (Increase)/PROJECTION Button:** Increases values during setting, activates/adjusts projection.
11. **Speaker Hole:** Audio output.
12. **USB Output Connector:** For charging external devices.
13. **Memory Battery Compartment:** Houses the backup button battery.
14. **Power Cable Jack:** Connects to the power adapter.

SETUP

1. Power Connection

1. Connect the provided USB power cable to the Power Cable Jack on the back of the clock.
2. Plug the other end of the USB cable into the power adapter, then plug the adapter into a standard wall outlet.
3. The display will light up, indicating the clock is powered on.

2. Initial Time Setting

1. Press and hold the **SET** button for 3 seconds to enter time setting mode. The hour digits will flash.
2. Use the ▲ (Increase) or ▼ (Decrease) buttons to adjust the hour.
3. Press **SET** again to confirm the hour and move to minute setting. The minute digits will flash.
4. Use the ▲ or ▼ buttons to adjust the minutes.
5. Press **SET** again to confirm the minutes and exit time setting mode.
6. To switch between 12-hour and 24-hour format, press the **SET** button once while in normal time display mode.

OPERATING INSTRUCTIONS

1. Display Brightness Adjustment

- **Manual Adjustment:** In normal time display mode, press the **SNOOZE/LIGHT UP** button repeatedly to cycle through 3 brightness levels (Low, Medium, High).
- **Automatic Dimming:** Slide the **AUTO DIMMING** switch to the ON position. The clock will automatically adjust its display brightness based on ambient light conditions.



Figure 4: Display brightness levels.

2. Projection Function

- Press the ▲ (**Increase**)/**PROJECTION** button to turn the projection on or off.
- Press and hold the ▲ (**Increase**)/**PROJECTION** button to rotate the projected time 180° for optimal viewing on a wall or ceiling.
- The optimal projection distance is approximately 3 meters.

3. Alarm Settings

- **Setting Alarm 1:** Press the **ALARM 1** button once. The alarm icon and hour digits will flash. Use ▲ or ▼ to set the hour. Press **ALARM 1** again to set minutes. Press **ALARM 1** a third time to select alarm sound (buzzer or FM radio). Press **ALARM 1** a fourth time to save and exit.
- **Setting Alarm 2:** Follow the same steps as Alarm 1, using the **ALARM 2** button.
- **Activating/Deactivating Alarms:** In normal time display mode, press **ALARM 1** or **ALARM 2** once to toggle the respective alarm on or off. The alarm icon will appear/disappear on the display.
- **Snooze Function:** When an alarm sounds, press the **SNOOZE/LIGHT UP** button to activate snooze. The alarm will sound again after 9 minutes. To turn off the alarm completely, press any other button.



Figure 6: Setting Alarm 1 and Alarm 2.

4. FM Radio Operation

- **Turn On/Off:** Press the **RADIO/AUTO SLEEP** button once to turn the FM radio on or off.
- **Auto Scan & Save:** When the radio is on, press and hold the **RADIO/AUTO SLEEP** button for 3 seconds to automatically scan and save available FM stations (86-108MHz).
- **Change Stations:** Use the ▲ or ▼ buttons to switch between saved stations.
- **Volume Adjustment:** Press the **VOL** button, then use ▲ or ▼ to adjust the volume level (0-15).
- **Sleep Timer:** When the radio is on, press the **RADIO/AUTO SLEEP** button repeatedly to set a sleep timer (5-90 minutes). The radio will automatically turn off after the set time.

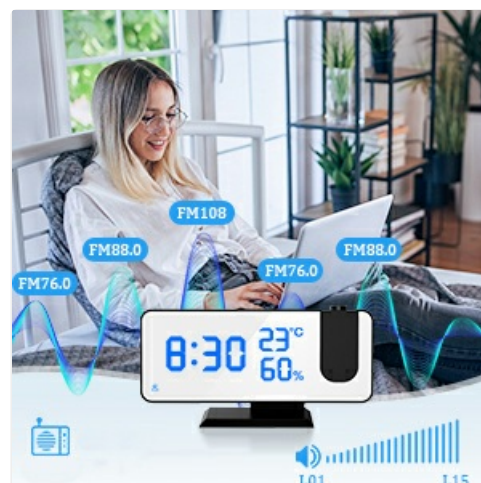


Figure 7: FM Radio function.

5. Temperature and Humidity Display

- The clock continuously displays the indoor temperature and humidity.
- To switch between Celsius (°C) and Fahrenheit (°F) for temperature, press and hold the ▼ (Decrease) button for 3 seconds.



Figure 8: Temperature and humidity display.

6. USB Charging Port

- Connect your smartphone or other USB-powered device to the **USB Output Connector** on the back of the clock using your device's charging cable.
- The clock provides a 5V/1.2A output for charging.



Figure 9: USB charging port in use.

MAINTENANCE

- Clean the clock's surface with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Keep the device away from water, high humidity, and direct sunlight.
- Avoid dropping the clock or subjecting it to strong impacts.
- Ensure proper ventilation around the device.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Display is blank.	No power connection.	Ensure the power adapter is securely plugged into the clock and a working wall outlet.
Projection is blurry or dim.	Incorrect focus or ambient light.	Adjust the projection angle. Ensure the room is dark enough for clear projection.
Alarm does not sound.	Alarm not activated or set incorrectly.	Verify that the alarm is set and activated (alarm icon visible). Check alarm volume for FM radio alarms.
FM radio reception is poor.	Weak signal.	Adjust the position of the clock to improve reception. Perform an auto-scan for stations.
USB charging not working.	Device not compatible or cable faulty.	Ensure your device is compatible with 5V/1.2A charging. Try a different USB cable.

SPECIFICATIONS

Feature	Detail
Brand	Shengshou
Model Number	EN8827
Display Type	Digital LED
Power Source	USB Powered (with backup battery)
USB Output	5V / 1.2A
FM Radio Frequency	86MHz - 108MHz
Dimensions (W x H)	18.5 cm x 9.1 cm
Weight	0.3 kg
Material	Plastic
Features	Alarm, Snooze, FM Radio, USB Charging, Projection, Temperature Display, Humidity Display, Automatic Dimming

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Shengshou website. Keep your purchase receipt as proof of purchase.

